

Rec'd PCT/PTO 01 DEC 2005

DEC 01 '05 12:28PM GLAXO WELLCOME

P.1/19

FAX



GlaxoSmithKline

To DO/EO/US
.....
Company USPTO
.....
Fax 571-273-3201
.....
From Patricia Wilson
.....
Tel 1-919-483-1007; Facsimile: 1-919-483-7988
.....
E-mail patricia.t.wilson@gsk.com
.....
Date Pages including cover 19
.....
Subject Response to Notification of Missing Requirements
.....

GlaxoSmithKline
PO Box 13398
Five Moore Drive
Research Triangle Park
North Carolina 27709

Tel: 919 483 2100
www.gsk.com

Re: Application of BLAIR et al.
Serial No.: 10/521,319; Int'l. Appl. No.: PCT/EP03/007939
Attorney Docket No. PG4871USw

Attached is:

1. Transmittal Letter (2nd & 3rd pages in duplicate) (5 pgs);
2. Declaration (5 pgs);
3. Power of Attorney, 3.73(b) Statement and Power of Attorney (5 pgs);
3. Copy of Notification of Missing Requirements under 35 USC 371, date mailed 11/21/05 (2 pgs).

Certificate of Transmission by Facsimile (37 CFR 1.8)

I hereby certify that this Response to Notification of Missing Requirements is being facsimile transmitted to the
United States Patent and Trademark Office (Fax. No. 571-273-3201) on 12/1/05

Patty Wilson
Patty Wilson

The information contained in these documents is confidential and may also be privileged and is intended for the exclusive use of the addressee designated above. If you are not the intended recipient or the employee or agent responsible to deliver it to the intended recipient, any disclosure, reproduction, distribution, or any other dissemination or use of this communication is strictly prohibited. If you have received this transmission in error please contact us immediately by telephone so that we can arrange for its return.

DEC 01 '05 12:28PM GLAXO WELLCOME

P.2/19

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)		ATTORNEY'S DOCKET NUMBER PG4871USw
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/521,319
INTERNATIONAL APPLICATION NO. PCT/EP03/07939	INTERNATIONAL FILING DATE July 17, 2003	PRIORITY DATE CLAIMED July 18, 2002
TITLE OF INVENTION TRANSGENIC ANIMAL MODELS OF HRV WITH HUMANI ICAM-1 SEQUENCES		
APPLICANT(S) FOR DO/EO/US Edward Duncan BLAIR, Neil James CLARKE, Sebastian Lennox JOHNSTON, David John ROWLANDS		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input type="checkbox"/> Express Mail Label No. 		

DEC 01 '05 12:29PM GLAXO WELLCOME

P.3/19

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0851-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
All other situations. It displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/521,319		PCT/EP03/07939		PG4871USw	
23. Other items or information: Statement under 3.73(b); Power of Attorney					
The following fees have been submitted:				CALCULATIONS PTO USE	
24. <input type="checkbox"/> Basic national fee \$300				\$	\$0.00
25. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article All other situations. \$200				\$	\$0.00
26. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. \$400 All other situations. \$500				\$	\$0.00
TOTAL OF 24, 25 and 26 =				\$	\$0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	0 /50 =	0	x \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	\$130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =	0	x \$50.00	\$	\$0.00
Independent claims	- 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
TOTAL OF ABOVE CALCULATIONS =				\$	\$0.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	\$0.00
SUBTOTAL =				\$	\$0.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	\$0.00
TOTAL NATIONAL FEE =				\$	\$0.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00
TOTAL FEES ENCLOSED =				\$	\$0.00
				Amount to be	\$
				Amount to be	\$

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 07-1392 in the amount of \$ \$130.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \$130.00. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NO. 23347

Virginia G. Campen
SIGNATURE

Virginia G. Campen
NAME

37,092
REGISTRATION NUMBER

1 Dec. 2005
DATE

03/14/2006 KMCLEAH1 00000002 071392 10521319
Sale Ref: 00000002 DA# 071392 10521319
01 FC:1617 130.00 DA

Rec'd PCT TO 01 DEC 2005

DEC 01 '05 12:34PM GLAXO WELLCOME

PG4871USW

COPIED TO THE UK

IPM / VGC / REP / Patty



UNITED STATES PATENT AND TRADEMARK OFFICE

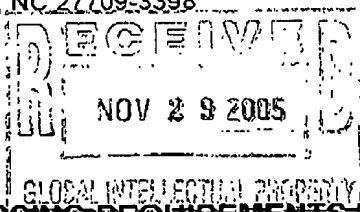
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1470
Alexandria, Virginia 22313-1470
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/521,319	Edward Duncan Blair	PG4871USW

INTERNATIONAL APPLICATION NO.
PCT/EP03/07939

I.A. FILING DATE	PRIORITY DATE
07/17/2003	07/18/2002

23347
GLAXOSMITHKLINE
CORPORATE INTELLECTUAL PROPERTY, MAI B475
FIVE MOORE DR., PO BOX 13398
RESEARCH TRIANGLE PARK, NC 27709-3398



CONFIRMATION NO. 9292
371 FORMALITIES LETTER
OC000000017408472

Date Mailed: 11/21/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/14/2005
- Copy of the International Search Report filed on 01/14/2005
- Copy of IPE Report filed on 01/14/2005
- Preliminary Amendments filed on 01/14/2005
- Information Disclosure Statements filed on 01/14/2005
- Biochemical Sequence Diskette filed on 01/14/2005
- Biochemical Sequence Listing filed on 01/14/2005
- Request for Immediate Examination filed on 01/14/2005
- U.S. Basic National Fees filed on 01/14/2005
- Priority Documents filed on 01/14/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

DOCKETED

Docket No: PG4871USW
Attorney: VGC (REP)
Paper: Declaration w/ fee
Due Date: 21 JAN 2006
Deadline: 21 JUNE 2006
Recorded: m

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/521,319	PCT/EP03/07939	PG4871USw

FORM PCT/DO/EO/905 (371 Formalities Notice)